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FAX REFERENCE NUMBER: AT-027A4

DATE: Jan. 11, 2006.

TO: COMMISSIONER OF PATENTS Technology Center: 2800
ATTN.: Examiner Aditya S. Bhat Art Unit: 2863

FAX NUMBER SENDING TO: (511) 273-8300 (Central Fax No.)

FROM: J. Michael Johnson
 Reg. No. 37,856
 Agent for Applicant

FAX NUMBER:
 (775) 849-3143

If illegible when received,
 please call: (775) 849-3085

NUMBER OF PAGES: 22
 (Including this page)

SUBJECT: AMENDMENT/RESPONSE TO OFFICE ACTION
 MAILED 10/27/2005 For SN: 10/027,751

MESSAGE

To Whom It May Concern:

Received by US Patent and Trademark Office:

Official Response/Amendment (19 pages) with Certificate of Facsimile
 Transmission (on page 19); and
 Transmittal Letter (1 page, 2 copies) with Cert. of Fax Transmission.

For Patent Application of:

Joel P. Dunsmore et al.

Serial Number: 10/027,751

Filed: Dec. 21, 2001

Entitled: "Test System Dynamic Range Extension Through Compression
 Compensation"

From: J. Michael Johnson, Reg. No. 37,856

(for John L. Imperato, Reg. No. 40,026, Agilent Technologies, Inc.)

Attorney Docket No.: 10004016-1

Dated: Jan. 11, 2006

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence and the documents listed above are being facsimile
 transmitted to the United States Patent and Trademark Office.

J. Michael Johnson

1/11/06

Date

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ATTORNEY DOCKET NO. 10004016-1

AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P. O. Box 7599
Loveland, Colorado 80537-0599

JAN 11 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Inventor(s): Joel P. Dunsmore et al.****Serial No.: 10/027,751****Examiner: Aditya S. Bhat****Filing Date: December 21, 2001****Group Art Unit: 2863****Title: Test System Dynamic Range Extension Through Compression Compensation**

**COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450**

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT**Sir:**

Transmitted herewith is/are the following in the above-identified application:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Response/Amendment | <input type="checkbox"/> Petition to extend time to respond |
| <input type="checkbox"/> New fee as calculated below | <input type="checkbox"/> Supplemental Declaration |
| <input checked="" type="checkbox"/> No additional fee (Address envelope to "Mail Stop Amendments") | |
| <input type="checkbox"/> Other: | (Fee \$ _____) |

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	32	MINUS	32	= 0	X 50	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 ST MONTH 120.00	<input type="checkbox"/>	2 ND MONTH 450.00	<input type="checkbox"/>	3 RD MONTH 1020.00	<input type="checkbox"/>
					4 TH MONTH 1590.00	<input type="checkbox"/>
					OTHER FEES	\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Joel P. Dunsmore et al.

By


 J. Michael Johnson
 Attorney/Agent for Applicant(s)

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date of facsimile: Jan. 11, 2006

Typed Name: J. Michael Johnson

Signature: 

Reg. No. 37,856

Date: Jan. 11, 2006

Telephone No. (775) 849-3085

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ATTORNEY DOCKET NO. 10004016-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Joel P. Dunsmore et al.

Serial No.: 10/027,751

Examiner: Aditya S. Bhat

Filing Date: December 21, 2001

Group Art Unit: 2863

Title: Test System Dynamic Range Extension Through Compression Compensation

COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria VA 22313-1450

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| <input type="checkbox"/> Other: | (Fee \$ _____) |

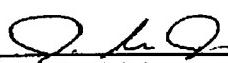
CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
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					OTHER FEES	\$ 0
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AGILENT TECHNOLOGIES, INC.
Legal Department, M/S DL429
Intellectual Property Administration
P. O. Box 7599
Loveland, CO 80537-0599

PATENT APPLICATION
ATTORNEY DOCKET NO. 10004016-1

RESPONSE/AMENDMENT dated January 11, 2006

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JAN 11 2006

Confirmation No. 3808

Appl. No. : 10/027,751
Applicant : Joel P. Dunsmore et al.
Filed : Dec. 21, 2001
TC/AU : 2800/2863
Examiner : Aditya S. Bhat

Docket No. : 10004016-1
Customer No. : 022878

Title : Test System Dynamic Range
Extension Through Compression
Compensation

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE/AMENDMENT

Sir:

In response to an Office Action of Oct. 27, 2005, please amend the above-identified application as follows.

Amendments to the Claims are reflected in a listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.

A Certificate of Mailing or Transmission is provided on the last page of this document and applies to this document and any attachments thereto.